



FORM - 1449

SHEET 1

OF 1

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| <b>INFORMATION DISCLOSURE STATEMENT</b><br><br>(Use several sheets if necessary) | ATTY. DOCKET NO.<br>API-1077 (COS-887) | SERIAL NO.<br>10/738,346                                       |
|  | APPLICANT<br>James R. Butler           |  |
|  | FILING DATE<br>December 17, 2003       | GROUP / CONFIRMATION<br><del>N/A 19677</del> <b>S 700/3749</b> |

## U.S. PATENT DOCUMENTS

| *EXAMINER<br>INITIAL          |    | DOCUMENT<br>NUMBER | DATE  | NAME           | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|-------------------------------|----|--------------------|-------|----------------|-------|----------|-------------------------------|
| <i>[Handwritten initials]</i> | AA | 2003/0182858       | 10/03 | Shah et al.    | 48    | 127.9    | 04/03                         |
|                               | AB | 5,255,742          | 10/93 | Mikus          | 166   | 303      | 06/92                         |
|                               | AC | 5,297,626          | 03/04 | Vinegar et al. | 166   | 271      | 06/02                         |
|                               | AD | 5,392,854          | 02/95 | Vinegar et al. | 166   | 271      | 12/93                         |
|                               | AE | 5,404,952          | 04/95 | Vinegar et al. | 166   | 303      | 12/93                         |
|                               | AF | 6,274,101          | 08/01 | Sechrist       | 422   | 198      | 09/98                         |
|                               | AG |                    |       |                |       |          |                               |

## FOREIGN PATENT DOCUMENTS

|                               |    | DOCUMENT<br>NUMBER | PUBL.<br>DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION<br>YES/NO |  |
|-------------------------------|----|--------------------|---------------|---------|-------|----------|-----------------------|--|
| <i>[Handwritten initials]</i> | AH | WO99/18392         | 15.04.99      | WIPO    |       |          | X                     |  |
|                               | AI | EP1021682B1        | 06.03.02      | EPO     |       |          | X                     |  |
|                               | AJ |                    |               |         |       |          |                       |  |

## OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

|                 |                 |
|-----------------|-----------------|
| AK              |                 |
| AL              |                 |
| AM              |                 |
| EXAMINER        | <i>C. Price</i> |
| DATE CONSIDERED | <i>11/29/04</i> |

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next comment to applicant



**SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT**

*(Use several sheets if necessary)*

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10/738,346

APPLICANT

James R. Butler

FILING DATE

December 17, 2003

GROUP / CONFIRMATION

N/A 79677 3700/3749

**U.S. PATENT DOCUMENTS**

| *EXAMINER<br>INITIAL          |    | DOCUMENT<br>NUMBER | DATE  | NAME           | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|-------------------------------|----|--------------------|-------|----------------|-------|----------|-------------------------------|
| <i>[Handwritten initials]</i> | AA | RE. 35,696         | 12/97 | Mikus          | 166   | 303      | 09/95                         |
|                               | AB | 3,113,623          | 12/63 | R. F. Krueger  | 166   | 59       | 07/59                         |
|                               | AC | 3,425,675          | 02/69 | C. J. Twine    | 263   | 41       | 12/66                         |
|                               | AD | 3,928,961          | 12/75 | Pfefferle      | 60    | 39.02    | 05/73                         |
|                               | AE | 4,493,308          | 01/85 | Hurley et al.  | 126   | 41 R     | 04/82                         |
|                               | AF | 3,688,760          | 09/72 | Rudin          | 126   | 91 A     | 12/70                         |
|                               | AG | 4,730,599          | 03/88 | Kendall et al. | 126   | 91 A     | 09/86                         |

**FOREIGN PATENT DOCUMENTS**

|                               |    | DOCUMENT<br>NUMBER | PUBL.<br>DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION<br>YES/NO |   |
|-------------------------------|----|--------------------|---------------|---------|-------|----------|-----------------------|---|
| <i>[Handwritten initials]</i> | AH | 57-47119           | 3/1982        | Japan   |       |          |                       | X |
|                               | AI |                    |               |         |       |          |                       |   |
|                               | AJ |                    |               |         |       |          |                       |   |

**OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)**

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*C. PRICE*

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SHEET 2

OF 2

**SUPPLEMENTAL  
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**U.S. PATENT DOCUMENTS**

| *EXAMINER<br>INITIAL |    | DOCUMENT<br>NUMBER | DATE  | NAME           | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|----|--------------------|-------|----------------|-------|----------|-------------------------------|
| <i>[Signature]</i>   | AA | 4,899,696          | 02/90 | Kennedy et al. | 122   | 13 R     | 10/86                         |
|                      | AB |                    |       |                |       |          |                               |
|                      | AC |                    |       |                |       |          |                               |
|                      | AD |                    |       |                |       |          |                               |
|                      | AE |                    |       |                |       |          |                               |
|                      | AF |                    |       |                |       |          |                               |
|                      | AG |                    |       |                |       |          |                               |

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|--|----|--------------------|---------------|---------|-------|----------|-----------------------|--|
|  | AH |                    |               |         |       |          |                       |  |
|  | AI |                    |               |         |       |          |                       |  |
|  | AJ |                    |               |         |       |          |                       |  |

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